Your Turn from yesterday:

1. $15 - 2x = -7x$

2. $-2(x-5)= 6(2 - 1/2x)$

Sep 5-9:16 AM

p19 -20

1. no When 3 is substituted for x, the left side simplifies to 4 and the right side simplifies to 3.
2. sample- 4x + 1= 3x - 2
15. The 4 should have been added to the right side.

    3x - 4= 2x + 1 3x=2x+5 x=5

    +4 +4 -2x -2x

16. 2lb 17. 15 + 0.5m=25 + 0.25m m=40mi
18. 3 units 19. 7.5 units 20. 232 units

Sep 25-10:11 AM

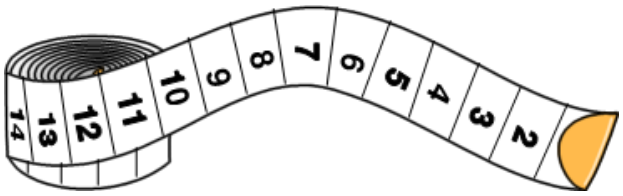
Solutions of Linear Equations
(1.3b Lesson)

Unit Title: Getting into Shape

Unit Question: Do I Measure Up?

Learner Profile: Balanced

Area of Interaction: Human Ingenuity



Sep 5-9:16 AM

I Can Statement:

I can solve solve linear equations with variables on both sides.

 = remember

Sep 5-9:41 AM

Words to Live By:

No Solution

Infinitely Many Solutions

Sep 5-9:43 AM

When you have variables on each side of the equaon:

1st: Use the Distribuve Property (a few excepons!)

2nd: Simplify the expressions on each side.

3rd: Use the Addion or Subtracon Property of Equality isolate the variable.

4th: Simplify the expressions on each side of the equaon

5th: Use the Mulplicaon or Division Property of Equality to solve .

Sep 12-2:43 PM

True or False

1. Every equation has a solution.

2. Every equation has just one solution.

3. Some equations have 2 solutions.

Sep 15-2:19 PM

Do the following have 1 solution, no solution, 2 solutions, or infinitely many solutions?

Example 1: $x + 2 = 7$

Example 2: $x + 2 = x + 7$

Example 3: $x^2 = 4$

Example 4: $x + 2 = x + 2$

Sep 15-2:20 PM

Examples:

1. $3 - 4x = -7 - 4x$

Sep 13-2:05 PM

You try!

Solve $\frac{1}{2}(10x + 7) = 5x$

Sep 15-2:18 PM

Example:

Solve $3(4x - 1) = 12x - 3$

Sep 15-2:23 PM

Your turn!

$$2(2 - 3x) = 4(1 - 1.5x)$$

Sep 15-2:24 PM

Homework: From textbook

Page 21a & 21b #1-6 all and 8-18 even

Complete Textbook Assignment
By Class Tomorrow

Sep 5-10:50 AM